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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hanns Rump et al.

Serial No:

Filing Date:

Title: **DEVICE FOR PREPARING A PLASMA FOR THE PRODUCTION OF OZONE  
AND/OR OXYGEN IONS IN THE AIR**

Examiner:

Art Unit:

PCT No.: PCT/DE00/02164

Filing Date: July 6, 2000

Priority: No.: 199 31 366.0

Filing Date: July 7, 1999 Country: Germany

January 14, 2001

Attorney's Docket No.: MSA247

**TRANSMITTAL LETTER**

Hon. Commissioner of Patents and Trademarks

**BOX PCT**

Washington, D.C. 20231

SIR:

Transmitted herewith for filing is:

<X> Form PTO-1390

<X> Submission of Inventor Declaration dated January 14, 2002 (2 pages)

<X> Inventor Declaration (6 pages)

<X> Recordation Form Cover Sheet Form PTO-1595

<X> Assignment (3 pages)

<X> Fees in the amount of \$105.00 are to be charged to a credit card. Form PTO-2038 is enclosed

(X) The applicant hereby petitions the Commissioner of Patents and Trademarks to extend the time for response to any Office Action outstanding in the above captioned matter as necessary to avoid abandonment of the application. Please charge my deposit account No.11-0224 in the amount required to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to the above account.

(X) The Commissioner is hereby authorized to charge any fees under 35 U.S.C. 1.16, and 1.17, after a mailing of a Notice of Allowance under 35 USC 1.18 or any additional fees which may be required during the entire pendency of the application, or credit any overpayment, to Acct. No.11-0224. A duplicate copy of this sheet is enclosed. If and only if account funds should be insufficient, immediately contact our associate, Lisa Zumwalt, at (703)415-0579, who will pay immediately to avoid deprivation of rights.

( ) Please charge my Deposit Account No.11-0224 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

A signature or signatures required for the above recited document(s) is (are) provided herebelow. Such signature(s) also provide(s) ratification for any required signature appearing to be defective in the above recited document(s).

Horst M. Kasper, 13 Forest Drive, Warren, N.J.07059  
Reg. No. 28,559 Tel.(908)526-1717

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8:** I hereby certify that the correspondence attached hereto is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231,

on January 14, 2002

Signature:

Name: Radoslaw Krajewski

\*%Pcil:d:trans1(MSA247T2(January 14,2002(ssp

FORM PTO-1390  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER

MSA 247

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO.

PCT/DE00/02164

INTERNATIONAL FILING DATE

6 July 2000

PRIORITY DATE CLAIMED

7 JULY 1999

TITLE OF INVENTION DEVICE FOR PREPARING A PLASMA FOR THE PRODUCTION  
OF OZONE AND/OR OXYGEN IONS IN THE AIR

APPLICANT(S) FOR DO/EO/US

HANNS RUMP; OLAF KIESEWETTER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

Submission of Inventor Declaration

PCT/DE00/02164

21. ☒ The following fees are submitted:

## BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO..... \$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	- 20 =		x \$18.00	\$
Independent claims	- 3 =		x \$80.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$

TOTAL OF ABOVE CALCULATIONS =

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.

SUBTOTAL =

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE =

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

TOTAL FEES ENCLOSED =

02/15/2002 NGUYEN 00000063 10030731

01 FC:254

65.00 OP

Amount to be  
refunded: \$

charged: \$

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 11-0224. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Horst M. Kasper  
13 Forest Drive  
Warren, N.J. 07059

SIGNATURE

HORST M. KASPER

NAME

28,559

REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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January 14, 2002

Attorney's Docket No.: MSA247

**SUBMISSION OF INVENTOR DECLARATION**

Hon. Commissioner of Patents and Trademarks

Washington, D.C. 20231

SIR:

The inventors, **Hanns Rump** and **Olaf Kiesewetter** have made an invention entitled:

**DEVICE FOR PREPARING A PLASMA FOR THE PRODUCTION OF OZONE  
AND/OR OXYGEN IONS IN THE AIR**

Part of this application was filed earlier in order to obtain a filing date based on an international convention. Applicants are now completing this application by submitting additional documents and/or fees. If this application should not be complete, it is respectfully requested that the undersigned attorney be informed immediately by mail and/or by telephone in order to allow immediate curing of any possible deficiencies in completeness of this application.

The undersigned respectfully requests that the enclosed application for patent be granted a pending status. It is further petitioned that any extensions of time be granted as they may become necessary, and the United States Patent and Trademark Office is authorized to charge any fees required to deposit account 11-0224.

Applicants further request that any refundable overpayments and/or refundable excess payments be refunded such as, but not limited to, overpayments and/or excess payments in view of late filing of declarations and/or affidavits relating to small entity status of the Applicants.

Respectfully requested

Hanns Rump et al.

By:



Horst M. Kasper, their attorney,  
13 Forest Drive, Warren, N.J. 07059  
Telephone:(908)526-1717 Fax:(908)526-6977  
Reg.No. 28,559; Docket: MSA247

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